

Title (en)

ACTUATION STRUCTURE OF BLOOD VESSEL CLIP APPLIER

Title (de)

BETÄTIGUNGSSTRUKTUR EINES BLUTGEFÄSSKLAMMERAPPLIKATORS

Title (fr)

STRUCTURE D'ACTIONNEMENT D'APPLICATEUR D'AGRAFES POUR VAISSEAU SANGUIN

Publication

EP 3949877 A1 20220209 (EN)

Application

EP 20781299 A 20200331

Priority

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Abstract (en)

Disclosed is an actuation structure of a blood vessel clip applier, which is driven by an operating unit (200) to make a jaw (1) clamp a clip (35). The actuation structure of the blood vessel clip applier includes a body (100) with a bump (199); a tube set (700) connected to the body (100); a loading push rod (3) capable of pushing the clip (35) forward; a bolt (20) axially and movably arranged on the body (100); a feeding loop claw (21) pivoted at the bolt (20) and has a front end (211) and a rear end (212); a loading plug (17) arranged on the body (100) and linked to the loading push rod (3); a loading spring (18) for pushing the loading plug (17) to move backward; wherein when the front end (211) of the feeding loop claw (21) is tilted out, the loading plug (17) is pushed forward; when the front end (211) of the feeding loop claw (21) is pressed down and kept away from the loading plug (17), the loading spring (18) may push the loading plug (17) backward; a recoil push rod (6) so configured that after the loading plug (17) returns to the original position, the front end (211) of the feeding loop claw (21) is still depressed to push the recoil push rod (6) forward to drive the jaw (1) clamp the clip (35); and a recoil spring (19) for pushing the recoil push rod (6) to move backward.

IPC 8 full level

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CPC (source: CN EP KR US)

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